

BUREAU OF WATER

South Carolina Department of Health and Environmental Control

Project Planning

A Guide to Determining Permits and Approvals Needed for Proposed Wastewater Projects



Do we need a permit from DHEC?

November 2001



South Carolina Department of Health
and Environmental Control

PROJECT PLANNING

A GUIDE TO DETERMINING PERMITS AND APPROVALS NEEDED FOR PROPOSED WASTEWATER PROJECTS

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PREFACE

This guide has been prepared to help public entities, developers, industries, consulting engineers, and the staff of the Bureau of Water determine the permit requirements for proposed wastewater projects. The third edition included the environmental permitting programs that were transferred to DHEC July 1, 1995 as a part of State Government restructuring and the fourth edition included the programs of the Bureau of Water which was formed as a result of the merger of the Bureau of Water Pollution Control and the Bureau of Drinking Water Protection in 1996. This fifth edition includes the 2001 changes to the NPDES stormwater regulations and information on wastewater recycle systems.

We are continually striving to improve our service to the State of South Carolina. Therefore, we welcome your suggestions on this publication and our permitting processes.

Also, please visit our Environmental WEB Page at:

www.scdhec.net/water

Our WEB pages site have a variety of program information such as contacts, application forms, public notices, and guidance documents for downloading. Please click on "Permits" to go to a listing of all permit programs. Each program listed is linked to the permitting program's detailed information.

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INTRODUCTION

Have you ever submitted a wastewater project for permitting and then found out you needed another type of permit or approval? If you have, then you know the frustration of scrambling to obtain the other approvals while your project is on hold. This can be very disconcerting for both you and the permitting staff of the Bureau of Water.

It is easier for everyone if the permits and approvals needed for a project are identified when the project is initially planned. This publication will assist you in identifying the permits or approvals needed for your project when seeking approvals from the Bureau of Water. The permit applications can then be properly coordinated to allow a smooth progression through the permitting process.

All permits or approvals that may be needed are on the "Permit and Approval List" starting on page 3. Not every permit or approval listed will be needed for a particular project. The "Permit Questionnaire" which starts on page 5 will help you determine which permits and approvals are needed for a project. As you answer the questions in the "Permit Questionnaire," the needed permits and approvals will be identified and you will be instructed to place a check beside the appropriate item on the "Permit and Approval List." Additional copies of the checklist can be found in Appendix II on page 39.

The "Permit Questionnaire" has been developed for use with almost every type of wastewater project. However, some projects may not fit this process. For these situations, we recommend you contact us during the project's planning phase to go over your project's particular permitting needs.

This publication is not intended to identify every State or Federal permit needed for your project. Rather, it will help identify the permits needed from the Bureau of Water and the other permits that may be needed as a consequence of our permits or your activity. Also, listing the Federal permits that may be needed is beyond the scope of this publication. Therefore, you should contact the different permitting Divisions of DHEC, other State agencies, and Federal agencies to ensure all the permits needed for your project are identified.

PERMIT AND APPROVAL LIST

Using the "Permit Questionnaire" on page 5, place a check by each permit or approval needed. Unless otherwise noted, the permit or approval listed is issued by the Bureau of Water.

- ___ 1. Land Disturbing Permit Exemption issued by Bureau of Water or Delegated Entity.
- ___ 2. Land Disturbing Permit issued by Bureau of Water or Delegated Entity.
- ___ 3. NPDES Storm Water Permit for construction activity.
- ___ 4. NPDES Storm Water "No Exposure Certification" form submittal.
- ___ 5. NPDES Storm Water Permit for industrial activity (except construction).
- ___ 6. Construction Permit for the collection lines.
- ___ 7. Letter of Acceptance from the owner of the receiving WWTP.
- ___ 8. NPDES Permit or NPDES Permit modification.
- ___ 9. ND Permit or ND Permit modification.
- ___ 10. Approval of Recycling System Report.
- ___ 11. Local Pretreatment Permit issued by the owner of the receiving Publicly Owned Treatment Facility.
- ___ 12. Letter of Approval for an industrial waste discharge to a POTW.
- ___ 13. Construction Permit for the treatment facility.
- ___ 14. Method of Sludge Treatment and Disposal approved by the Bureau of Water.
- ___ 15. Method of Sludge Disposal approved by the Bureau of Land and Waste Management.
- ___ 16. Permit for emissions from a sludge heat treatment unit process or a sludge incinerator issued by the Bureau of Air Quality.
- ___ 17. Approval for sludge disposal from the County Director of Solid Waste.
- ___ 18. Permit for emissions from an stripper or similar unit process issued by the Bureau of Air Quality.
- ___ 19. Permit for emissions from a standby generator issued by the Bureau of Air Quality.
- ___ 20. Construction Permit for ground water monitoring wells.
- ___ 21. Approval of the Utility by the S.C. Public Service Commission.
- ___ 22. Permit for fugitive emissions from a treatment facility may be required from the Bureau of Air Quality.
- ___ 23. 401 Certification.

Permit and Approval List (Continued)

- ____ 24. Permits for Potable Water Facilities.
- ____ 25. Permit to Construct in Navigable Water.
- ____ 26. Critical Area Permit issued by the Office of Ocean and Coastal Resource Management (OCRM) of DHEC.
- ____ 27. Interbasin Transfer Permit.
- ____ 28. 208 Plan Amendment approved by the management entity responsible for the 208 Area.
- ____ 29. Dams and Reservoirs Safety Construction Permit.
- ____ 30. Contact U. S. Fish and Wildlife on endangered species.
- ____ 31. Contact the S. C. Department of Archives and History on a historical site.
- ____ 32. Contact the S. C. Department of Archives and History on an archeological site.

PERMIT QUESTIONNAIRE

1. Sediment and Erosion Control/Land Disturbing Activities

Applicable Statute: 1991 SC Storm Water Management and Sediment Reduction Act
Applicable Regulation: SC Regulation 72-300.

Is the project either agricultural, undertaken on forest land for the production and harvesting of timber, a mining operation, the construction of a single family dwelling, or a utility (gas, electric, or communication) activity that is regulated by the S. C. Public Service Commission?

If yes, the activity is exempt by law from the Land Disturbing Permit. Go to topic number 2 below.

If no, will construction of the project disturb two (2) acres or less? (Note: If the project is phased, the total project must be considered, not just the present phase.)

If two (2) acres or less will be disturbed, a permit is not needed for the land disturbing activity as it is exempt from obtaining a permit but it is not exempt from complying with the law and regulations on sediment and erosion control. An administrative submission with the simplified sediment and erosion control plan must be submitted. Check Item 1 - "Land Disturbing Permit Exemption issued by Bureau of Water or Delegated Entity."

If more than two (2) acres will be disturbed, a permit is needed for the land disturbing permit. Check Item 2 - "Land Disturbing Permit issued by Bureau of Water or Delegated Entity."

2. NPDES Construction Activity

Applicable Statute: Federal Clean Water Act
Applicable Regulations: 40 CFR and 122 SC Regulation 61-9.

Will construction of the project disturb five (5) acres or more? (Note: If the project is phased, the total project must be considered, not just the present phase.)

If five (5) or more acres, is the project either agricultural or undertaken on forest land for production and harvesting of timber?

If no, NPDES permit coverage must be obtained for the storm water discharges during construction. Check Item 3 - "NPDES Storm Water permit for construction activity." Please note that only one application is required for projects needed both the Land Disturbing Permit and NPDES Storm Water permit for construction activity.

If yes, the activity is exempt from the NPDES Storm Water permit for construction activity. Go to topic number 3 below.

If less than (5) acres, NPDES permit coverage is not needed for the storm water discharges from the land disturbing activity.

3. Industrial NPDES Storm Water

Applicable Statutes: Federal Clean Water Act and SC Pollution Control Act

Applicable Regulations: 40 CFR 122 and SC Regulation 61-9.

Is the project type or primary Standard Industrial Classification (SIC) code for the facility listed below?

Industrial Category I - Facilities that are subject to Storm Water Effluent Limitation Guidelines, New Source Performance Standards, or Toxic Pollutant Effluent Standards under 40 CFR subchapter N (See Appendix I on page 20 for a detailed list);

Industrial Category II - Facilities with Standard Industrial Classifications as follows:

- 24 - Lumber and Wood Products (except 2434 - Wood and kitchen Cabinets)
- 26 - Paper and Allied Products (except 265 - Paperboard Containers and Boxes and 267 - Converted Paper and Paperboard Products, except Containers and Boxes)
- 28 - Chemical and Allied Products (except 283 - Drugs)
- 29 - Petroleum and Coal Products
- 311- Leather Tanning and Finishing
- 32 - Stone, Clay, Glass, and Concrete Products (except 323 - Glass Products, Made of Purchased Glass)
- 33 - Primary Metal Industries
- 3441 - Fabricated Structural Metal
- 373 - Ship and Boat Building and Repairing

Industrial Category III - Facilities with Standard Industrial Classifications as follows:

10 through 14 - Mineral Industry (including active and inactive mining);

Industrial Category IV - Hazardous waste treatment, storage, or disposal facilities, including those that are operating under interim status or a permit under subtitle C of RCRA;

Industrial Category V - Landfills, land application sites, and open dumps that have received any industrial waste including those that are subject to regulation under subtitle D of RCRA;

Industrial Category VI - Facilities involved in the recycling of materials, including metal scrap yards, battery reclaimers, salvage yards and automobile junkyards, including but limited to those classified as SIC 5015 (motor vehicle parts, used) and 5093 (scrap and waste material - this includes auto wreckers engaged in dismantling automobiles for scrap);

Industrial Category VII - Steam electric power generating facilities, including coal handling sites;

Industrial Category VIII - Transportation facilities which have vehicle maintenance shops, equipment cleaning operations, or airport deicing operations and which have Standard Industrial Classifications as follows:

- 40 - Railroad Transportation
- 41 - Local and Interurban Passenger transport
- 42 - Trucking and Warehousing (except 4221 - Farm Product Warehousing and Storage, 4222 - Refrigerated Warehousing and Storage, and 4225 - General Warehousing and Storage)
- 43 - U.S. Postal Service
- 44 - Water Transportation
- 45 - Transportation by Air
- 5171 - Petroleum Bulk Stations and Terminals (this does not include service stations or facilities that sell only packaged products)

Industrial Category IX - Treatment works treating domestic sewage or any other sewage sludge or wastewater treatment device or system, used in the storage, treatment, recycling, and reclamation of municipal or domestic sludge, including land dedicated to the disposal of sewage sludge that are located within the confines of the facility, with a design flow of 1.0 mgd or more, or required to have an approved pretreatment program under the federal regulations;

Industrial Category X - N/A¹

Industrial Category XI - Facilities with Standard Industrial Classifications as follows:

- 20 - Food and Kindred Products
- 21 - Tobacco Products
- 22 - Textile Mill Products
- 23 - Apparel and Other Finished Products Made From Fabrics and Similar Material
- 2434 - Wood Kitchen Cabinets
- 25 - Furniture and Fixtures
- 265 - Paperboard Containers and Boxes
- 267 - Converted Paper and Paperboard Products, except Containers and Boxes
- 27 - Printing, Publishing, and Allied Industries
- 283 - Drugs
- 285 - Paints, Varnishes, Lacquers, Enamels, and Allied Products
- 30 - Rubber and Miscellaneous Plastic Products
- 31 - Leather and Leather Products (except 311 - Leather Tanning and Finishing)
- 323 - Glass Products, Made of Purchased Glass
- 34 - Fabricated Metal Products (except 3441 - Fabricated Structural Metal Products)
- 35 - Industrial and Commercial Machinery and Computer Equipment
- 36 - Electronic and Other Electrical Equipment and Components, except Computers
- 37 - Transportation Equipment (except 373 -Ship and Boat Building and Repairing)
- 38 - Measuring, Analyzing, and Controlling Instruments; Photographic, Medical and Optical Goods; Watches and Clocks
- 39 - Miscellaneous Manufacturing Facilities
- 4221 - Farm Product Warehousing and Storage
- 4222 - Refrigerated Warehousing and Storage
- 4225 - General Warehousing and Storage

If the project type or SIC code is not listed, NPDES permit coverage is not required for the storm water discharges from the facility after construction is completed. Skip the remainder of this section and go to topic number 4 on page 10.

¹Industrial Category X is construction or land disturbing activity on five or more acres and has already been considered under Question 2.

If the project type or SIC code is listed above, is the project owner a public entity with a population of less than 100,000?

If no, will there be exposure of storm water to raw materials, intermediate products, finished products, by products, waste products, etc.?

If no exposure, NPDES permit coverage is not required for the storm water discharges from the facility after construction is completed. However, a "No Exposure Certification" form must be submitted. Check Item 4 - "NPDES Storm Water "No Exposure Certification" form submittal."

If exposure, NPDES permit coverage must be obtained for the storm water discharges from the facility after construction is completed. Check Item 5 - "NPDES Storm Water permit for industrial activity (except construction)."

If yes, is the project type a landfill, power plant, or airport?

If yes, will there be exposure of storm water to raw materials, intermediate products, finished products, by products, waste products, etc.?

If no exposure, NPDES permit coverage is not required for the storm water discharges from the facility after construction is completed. However, a "No Exposure Certification" form must be submitted. Check Item 4 - "NPDES Storm Water Permit "No Exposure Certification" form submittal."

If exposure, NPDES permit coverage must be obtained for the storm water discharges from the facility after construction is completed. Check Item 5 - "NPDES Storm Water permit for industrial activity (except construction)."

If no, NPDES permit coverage is not required for the storm water discharges from the facility after construction is completed. However, beginning March 10, 2003, the facility will be required to have an NPDES stormwater permit for industrial activity.

4. Wastewater (process, sanitary, cooling water, boiler blowdown, steam condensate, etc.)

Applicable Statutes: Federal Clean Water Act and SC Pollution Control Act.

Applicable Regulations: SC Regulations 61-9 and 61-67.

Will the activity, project, or facility generate any wastewaters (process wastewater, sanitary wastewater, cooling water, boiler blowdown, steam condensate, etc.) or add new contaminants or increase contaminant quantities to existing wastewaters for disposal or have a wastewater recycle system?

If no wastewaters are generated or contaminants added/increased, NPDES, ND, Pretreatment, or construction permits are not required. Skip the remainder of this section and go to topic number 5 on page 14.

If wastewaters are generated or contaminants added/increased,

- a) **Does the project include on-site or off-site wastewater collection lines? (Notes: Service lines are not considered collection lines. See Regulation 61-67 for the definition of a service line.)**

If collection lines are included,

i) A construction permit is required for the collection lines. (Note: The receiving wastewater treatment plant (WWTP) must have permitting capacity before the collection system can be permitted.) Check Item 6 - "Construction Permit for collection lines."

ii) Is the owner of the receiving WWTP the same as the owner of the proposed collection lines?

If no, a letter of acceptance from the owner of the receiving WWTP must be obtained. Check Item 7 - "Letter of Acceptance from the owner of the receiving WWTP."

- b) **Will the project include a new treatment facility or modification/expansion of an existing treatment facility? (Note: Treatment facility includes wastewater treatment facilities, pretreatment facilities, oil/water separators, equalization basins, cooling towers and ponds, sedimentation facilities, pH adjustment, wastewater treatment with recycle systems, etc.)**

If a treatment facility is not included, where will the wastewater be discharged?

If to surface waters, a NPDES permit or modification to an existing NPDES permit will be required. Check Item 8 - "NPDES Permit or NPDES Permit Modification."

If to land disposal, a ND permit² or modification to an existing ND permit will be required. Check Item 9 - "ND Permit or ND Permit Modification."

If recycled back to manufacturing facility or other place, an approval of the report on the recycling system is required. Check Item 10 - "Approval of Recycling System Report."

If to a Publicly Owned Treatment Works (POTW), is the wastewater industrial waste?

If the wastewater is not industrial waste, a letter of acceptance from the owner of the receiving POTW. Check Item 7 - "Letter of Acceptance from the owner of the receiving wastewater treatment facility."

If the wastewater is industrial waste, a local pretreatment permit and a letter of approval from the Bureau of Water for the industrial waste discharge to the POTW may be required. Check Item 11- "Local Pretreatment Permit issued by the owner of the receiving POTW" and Item 12 - "Letter of Approval for an industrial waste discharge to a POTW."

If a treatment facility will be provided,

i) Where will the effluent be discharged?

If to surface waters, a construction permit for the treatment facility and a NPDES permit or modification to an existing NPDES permit will be required. Check Item 8 - "NPDES Permit or NPDES Permit Modification" and Item 13 - "Construction Permit for the treatment facility."

² A ND permit is a State permit allowing disposal by land application. This permit is commonly called a ND permit since there is no discharge to surface waters.

If to land disposal, a construction permit for the treatment facility and a ND permit¹ or modification to an existing ND permit will be required. Check Item 9 - "ND Permit or ND Permit Modification" and Item 13 - "Construction Permit for the treatment facility."

If to a publicly owned treatment works (POTW), a local pretreatment permit and a construction permit for the pretreatment facility will be required. Check Item 11 - "Local Pretreatment Permit issued by the owner of the receiving POTW" and Item 13 - "Construction Permit for the treatment facility."

If the effluent will be totally recycled back to a manufacturing process, a construction permit for the treatment facility will be required. Check Item 13 - "Construction Permit for the treatment facility."

ii) Will the treatment facility generate waste sludge for disposal?

If sludge is not generated, sludge disposal permits are not required.

If sludge is generated,

a) Will the sludge be hazardous?

If the sludge is not hazardous, the method of sludge treatment and disposal will be approved by the Bureau of Water. The construction permit for the treatment facility will include the sludge treatment unit processes with the disposal method contained in either the NPDES, ND, or Pretreatment Construction Permit. Check Item 14 - "Method of Sludge Treatment and Disposal approved by the Bureau of Water."

If the sludge is hazardous, the method of sludge disposal will be approved by the Bureau of Land and Waste Management. Check Item 15 - "Method of Sludge Disposal approved by the Bureau of Land and Waste Management."

b) Will the sludge be heat treated or incinerated?

If yes, a permit may be required from the Bureau of Air Quality for the emissions from sludge heat treatment unit process and/or the incinerator. Check Item 16 - "Permit for emissions from the sludge heat treatment unit process or incinerator issued by the Bureau of Air Quality."

c) Will final sludge disposal be either in a landfill or at a land application site and be off the treatment facility site?

If yes, approval must be obtained from the Director of Solid Waste in the County where the land application site or landfill is located. Check Item 17 - "Approval for sludge disposal from the County Director of Solid Waste."

iii) Will an air stripper or similar unit process be used at the treatment facility?

If yes, a permit from the Bureau of Air Quality may be required for the air emissions. Check Item 18 - "Permit for emissions from an air stripper or similar type unit process issued by the Bureau of Air Quality."

iv) Will a standby generator of 150 kilowatts or larger be provided at the treatment facility or the site?

If yes, a permit from the Bureau of Air Quality may be required for the air emissions. Check Item 19 - "Permit for emissions from a standby generator issued by the Bureau of Air Quality."

v) Will ground water monitoring wells be installed?

If yes, a permit for the construction of the monitoring wells will be required. Check Item 20 - "Construction Permit for the ground water monitoring wells."

- vi) **Will the treatment facility serve the public and be owned by a private utility that will charge sewer use fees?**

If yes, the utility must be registered with the SC Public Service Commission. Check Item 21 - "Approval of the Utility by the S.C. Public Service Commission."

- vii) **Is the treatment facility receiving either industrial wastewater or municipal wastewater with industrial wastewater contributions?**

If yes, Title V of the Federal Clean Air Act now requires some treatment facilities to obtain an air permit for fugitive emissions. The permit requirements are based on the potential to release certain compounds into the atmosphere. The program requirements are beyond the scope of this publication. Therefore, you should contact the Bureau of Air Quality to determine if the treatment facility will be required to have a Title V Air Permit for fugitive emissions. Check Item 22 - "Permit for fugitive emissions from the treatment facility may be required from the Bureau of Air Quality."

5. 401 Certification

Applicable Statute: Federal Clean Water Act

Applicable Regulation: SC Regulation 42-101

Does the project require any Federal permits for an activity that could result in a discharge to waters of the United States or that will be conducted in waters of the United States or that could affect wetlands?

If yes, 401 Certification of the Federal permit(s) will be required before the Federal permit can be issued. Check Item 23 - "401 Certification."

6. Potable Water Facilities

Applicable Statutes: Federal Safe Drinking Water Act and State Safe Drinking Water Act

Applicable Regulations: 40 CFR 141 and SC Regulation 61-58

Does the project include any potable water facilities such as water lines, water treatment facilities, etc.?

If yes, permits will be required for these facilities from the Bureau of Water. Check Item 23 - "Permits for Potable Water Facilities."

7. State Navigable Waters

Applicable Statute: Chapter 1 of Title 49 of the SC Code of Laws (Waters, Water Resources, and Drainage)

Applicable Regulation: SC Regulation 19-450

Does the project have proposed pipelines, outfall structures, intakes, etc. (other than proposed water or sewer lines needing permits) that will cross or are to be installed in State navigable waters? (Note: A navigable waters review on proposed water and sewer lines is done in conjunction with the permitting of these activities.)

If yes, a Construction Permit in Navigable Waters will be required. Check Item 25 - "Permit to Construct in Navigable Water."

8. Ocean and Coastal Resources Management

Applicable Statute: SC Coastal Zone Management Act

Applicable Regulation: SC Regulation 30-1

Is the project located in the "Critical Area" of the Coastal Zone? (Note: The eight coastal counties of Jasper, Beaufort, Colleton, Charleston, Dorchester, Berkeley, Georgetown, and Horry are the Coastal Zone while the "Critical Area" is typically the area of salt water influence within these counties.)

If yes, will any activity be conducted in surface waters?

If an activity will be conducted in surface waters, a Critical Area Permit will be required. Check Item 26 - "Critical Area Permit issued by DHEC's Office of Ocean and Coastal Resource Management (OCRM)."

If no activity will be conducted in surface waters, a Critical Area Permit will not be required. However, we recommend contacting DHEC's Office of Ocean and Coastal Resource Management (OCRM) to verify this determination.

9. Interbasin Transfer Permits

Applicable Statute: SC Interbasin Transfer of Water Act

Applicable Regulation: SC Regulation 121-12

Does the project withdraw surface water from one water basin and discharge it to another water basin?

If yes, an Interbasin Transfer Permit may be required from the Bureau of Water. Check Item 27 - "Interbasin Transfer Permit."

10. Water Quality Management Planning

Applicable Statute: Federal Clean Water Act

Applicable Regulation: SC Regulation 61-67

Does the project comply with the approved "Water Quality Management Plan" (208 Plan) for the area?

If no, an update or amendment to the appropriate 208 Plan will be required before the wastewater permits from the Bureau of Water will be issued. Check Item 28 - "208 Plan Amendment approved by the management entity responsible for the 208 Area."

11. Dams and Reservoirs Safety

Applicable Statute: SC Dams and Reservoirs Safety Act

Applicable Regulation: Regulation 72-1 through 72-9

Does the project include a dam which is: higher than 25 feet or impounds 50 acre-feet or more of water at maximum capacity and either: 1) not owned by the Federal Government; 2) not regulated by either the Federal Energy Regulatory Commission, the SC Public Service Authority, the Nuclear Regulatory Commission, the United States Corps of Engineers, or other federal licensing agency; or 3) does not have a road or highway on it where the road is maintained by the Department of Transportation or county or municipal governments and the road is the only danger to life or property with respect to dam failure?

If yes, a permit may be needed for the construction of the dam, Check item 29 - "Dams and Reservoirs Safety Construction Permit."

12. Endangered or Threatened Species

Applicable Statute: Federal Endangered Species Act

Applicable Regulations: 50 CFR 402 and 424

Will the project adversely affect a federally-listed endangered or threatened species, its habitat, or a proposed or designated critical habitat?

If yes, you must contact the U. S. Fish and Wildlife Service before you proceed with the project. Check item 30 - "Contact the U. S. Fish and Wildlife Service for a determination on endangered species."

13. Historical Sites

Will the project contain or affect a historical site?

If yes, you must contact the S. C. Department of Archives and History before you proceed with the project. Check item 31 - "Contact the S. C. Department of Archives and History on a historical site."

14. Archeological Sites

Will the project contain or affect an archeological site?

If yes, you must contact the S. C. Department of Archives and History before you proceed with the project. Check item 32 - "Contact the S. C. Department of Archives and History on an archeological Site."

SUMMARY

The “Permit and Approval List” should now have the permits and approvals marked that will normally be required for your wastewater project when you submit a permit application to the Bureau of Water. We recommend you contact the other Bureaus of Environmental Quality Control (Air Quality and Land and Waste Management) to go through a similar process. You should also contact other State and Federal agencies concerning the permits you may need from them.

For the approvals and permits issued by the Bureau of Water, please see the specific permit publications on how to obtain these permits and approvals. Those publications will also identify the permitting sequence for the permits that are related. Also, if you have any questions concerning a permitting issue please call the Bureau of Water at 803-898-4300.

APPENDIX I

INDUSTRIAL CATEGORY I - SIC CODES

INDUSTRIAL CATEGORY I - SIC CODES

The following pages list the facility types that are in Industrial Category I of the storm water NPDES program. These facilities are first presented in the order of the standard number from Subchapter N of 40 CFR. Then, on page 35, they are listed by major SIC class.

The following is a legend for the Charts that list the facilities by standard number.

TYPE: **N:** New Source Performance Standard (N.S.P.S.)
 S: Storm Water Effluent Limitation (S.W.E.L.)
 T: Toxic Pollutant Effluent Standard (T.P.E.S.)

STANDARD: Refers to all of the standards covered under 40 C.F.R. Subchapter N.
 Parts 405-471 and 40 C.F.R. Part 129.

SUB: All of the substandards of the above.

DESCRIPTION: As stated at the applicability section of each standard

SIC CODE: Standard Industrial Classification Code.

CATEGORY 1 - SIC CODES

TYPE	STANDARD	SUB	DESCRIPTION	SIC CODES
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N	405		DAIRY PRODUCT PROCESS	202's & 5143
		A	Receiving Stations	5143
		B	Fluid Products	2026
		C	Cultured Products	2026
		D	Butter	2021
		E	Cottage Cheese	2026
		F	Natural, Processed Cheese	2022
		G	Fluid Ice Cream Mix	2023
		H	Ice Cream	2024
		I	Condensed Milk	2023
		J	Dry Milk	2023
		K	Condensed Whey	2022
		L	Dry Whey	2023

N	406		GRAIN MILLS	204's
		A	Corn Wet Milling	2046
		B	Corn Dry Milling	2041
		C	Normal Wheat Flour	2041
		D	Bulgur Wheat Flour	2043
		E	Normal Rice Milling	2044
		F	Parboiled Rice Proc	2044
		G	Animal Feed	2047 & 2048
		H	Hot Cereal	2043
		I	Ready Cereal	2046

N	407		CANNED, PRESERVED FRUIT	2032,2034,2037,2099
		A	Apple Juice	2037 & 2099
		B	Apple Products	2032
		C	Citrus Products	2037
		D	Frozen Potatoes	2037
		E	Dehydrated Potatoes	2034 & 2099

N	408		CANNED, PRESERVED SEAFOOD	2077,2091,2092
		A	Raised Catfish	2091
		B	Blue Crab	2092
		C	Blue Crab - Mechanical	2092
		H	Dungeons & Tanner Crab	2092
		L	South Non-Breaded Shrimp	2092
		M	Southern Breaded Shrimp	2092
		N	Tuna	2092

TYPE	STANDARD	SUB	DESCRIPTION	SIC CODES
N	408	O	Men Hadden	2077
		U	Bottom Fish - Manual	2092
		V	Bottom Fish - Mechanical	2092
		X	Hand Clam	2091 & 2092
		Z	Hand Oysters	2092
		AA	Steamed & Canned Oysters	2091
		AB	Sardine	2091

N	409		SUGAR PROCESSING INDUSTRY	2062 & 2063
		A	Beet Sugar	2063
		B	Crystalline Cane Sugar	2062
		C	Liquid Cane Sugar	2063

N,T	410		TEXTILE MILLS	All 22's but 221's, 2221,224s,2253,2254, 2257,2284,2297,2298
		A	Wool Scouring	2299
		B	Wool Finishing	2231 & 2299
		C	Low Water Use	2269, 2273, 2281, 2282, 2295 & 2296
		D	Woven Fabric Finishing	2231, 226's, 2299
		E	Knit Fabric Finishing	2251, 2252, 2258, 2259, & 2269
		F	Carpet Finishing Category	2273
		G	Stock & Yarn Finishing	2231,2269,2295,2299
		H	Nonwoven Manufacturing	2297
		I	Felted Fabric Processing	2299

S,N	411		CEMENT MANUFACTURING	3241,3255,3275,3297
		A	Non-leaching	3241,3255,3275,3297
		B	Leaching	3241,3255,3275,3297
		C	Materials Storage Pile	3241,3255,3275,3297

S,N	412		FEEDLOTS	0211, 0213, 0241, 0259 & 0272
		A	All Except Ducks	0211,0213,0241,025s, (except 0259) & 0272
		B	Ducks	0259

TYPE	STANDARD	SUB	DESCRIPTION	SIC CODES
T	413		ELECTROPLATING	347's & 3672
		A	Common Metals	347's
		B	Precious Metals	347's
		D	Anodizing	347's
		E	Coatings	347's
		F	Chemical Etch & Mill	347's
		G	Electrodes Plating	347's
		H	Printed Circuit Board	347's

N,T	414		ORGANIC CHEMICALS	28213, 28214, 2823, 2824, & 286's,
		A	General	2821, 2823, 2824, 2865 & 2869
		B	Rayon Fibers	2823
		C	Other Fibers	2823 & 2824
		D	Thermoplastic Resins	28213
		E	Thermosetting Resins	28214
		F	Commodity Chemicals	2865 & 2869
		G	Bulk Organic Chemicals	2865 & 2869
		H	Specialty Chemicals	2865 & 2869

N,T	415		INORGANIC CHEMICALS	1474,2812,2813,2816, 2819,2834,2842,2869, 2879 & 2899
		A	Aluminum Chloride	2819
		B	Aluminum Sulfate	2819
		C	Calcium Carbide	2819
		D	Calcium Chloride	2819
		E	Calcium Oxide	2819 & 2879
		F	Chlor-alkalies	2812 & 2842
		H	Hydrofluoric Acid	2819 & 2899
		I	Hydrogen Peroxide	2819
		K	Potassium	2819
		L	Potassium Dichromate	2819
		M	Potassium Sulfate	2819
		N	Sodium Bicarbonate	2812
		P	Sodium Chloride	2834 & 2899
		Q	Sodium Dichromate,Sulfate	2819
		T	Sodium Sulfite	2819 & 2869
		V	Titanium Dioxide	2816
		W	Aluminum Fluoride	2819
		X	Aluminum Chloride	2819
		AE	Calcium Hydroxide	2819
		AH	Chrome Pigment	2816
		AJ	Copper Salts	2819
		AN	Fluorine	2819
		AO	Hydrogen	2816
		AP	Hydrogen Cyanide	2819

TYPE	STANDARD	SUB	DESCRIPTION	SIC CODES
N,T	415	AQ	Iodine	2819
		AR	Lead Monoxide	2816 & 2819
		AU	Nickel Salts	2819
		BA	Silver Nitrate	2819
		BC	Sodium Fluoride	2819
		BH	Stannic Oxide	2819
		BK	Zinc Sulfate	2816
		BL	Cadmium Pigments & Salts	2816
		BM	Cobalt	2819
		BN	Sodium Chlorate	2819
		BO	Zinc Chloride	2819

N,T	417		SOAPS & DETERGENTS	2841, 2843 & 2869
		A	Batch Kettle	2841
		B	Fatty Acid-Fat Splitting	2841
		C	Neutralization	2841
		D	Glycerine Concentration	2841 & 2869
		E	Glycerine Distillation	2841 & 2869
		F	Soap Flakes & Powders	2841
		G	Bar Soaps	2841
		H	Liquid Soaps	2841
		I	Oleum Sulfon & Sulfation	2843 & 2869
		J	Air & SO ₃ Sulfon & Sulfa	2843 & 2869
		K	SO ₃ Solvent & Vacuum	2843 & 2869
		L	Sulfamic Acid	2843 & 2869
		M	Chlorosulfonic Acid	2843 & 2869
		N	Neutralization of Esters	2843
		O	Spray Dried Detergents	2843 & 2869
		P	Liquid Detergents	2841
		Q	Detergents, Dry Bleaches	2841
		R	Drum Dried Detergents	2841
		S	Detergent Bars & Cakes	2841

S,N	418		FERTILIZERS	287's All
		A	Phosphates	2874
		B	Ammonia	2873
		C	Urea	2873
		D	Ammonium Nitrate	2873
		E	Nitric Acid	2873
		F	Ammonium Sulfate	2873

TYPE	STANDARD	SUB	DESCRIPTION	SIC CODES
S,N	418	G	Mixed & Blend	2875

S,N	419		PETROLEUM REFINING	2865 & All 29's
		A	Topping	2911
		B	Cracking	2911
		C	Petrochemical	2865 & 2911
		D	Lube	2911 & 2992
		E	Integrated	2911 & 2992

N,T	420		IRON & STEEL MANUFACTURE	1011,331s,332s,3479
		A	Cokemaking	3312
		B	Sintering	1011 & 3312
		C	Ironmaking	3312
		D	Steel making	3312
		E	Vacuum Degassing	3312
		F	Continuous Casting	3324 & 3325
		G	Hot Forming	3312
		H	Salt Bath Descaling	331's & 332's
		I	Acid Pickling	331's & 332's
		J	Cold Forming	3316
		K	Alkaline Cleaning	331's & 332's
		L	Hot Coating	3479

N,T	421		NON-FERROUS METALS	333's & 334's
		A	Bauxite	3334
		B	Alumina	3334
		C	Sec. Aluminum Smelting	3341
		D	Primary Copper Smelting	3331
		E	Electrorefining	3341
		F	Secondary Copper	3341
		G	Primary Lead	3339
		H	Primary Zinc	3339
		I	Metallurgical Acid Plants	2819
		J	Primary Tungsten	2819 & 3313
		K	Prim. Columbium-Tantalum	3339
		L	Secondary Silver	3341
		M	Secondary Lead	3341
		N	Primary Antimony	3339
		O	Primary Beryllium	3339
		P	Prim. & Sec. Ge & Ga	3341 & 3339
		Q	Secondary Indium	334's
		R	Secondary Mercury	2819
		S	Prim. Molybdenum, Rhenium	3339

TYPE	STANDARD	SUB	DESCRIPTION	SIC CODES
N,T	421	T	Sec Molybdenum & Vanadium	3341
		U	Primary Nickel & Cobalt	3339
		V	Secondary Nickel	3341
		W	Prim. Precious & Mercury	3339
		X	Sec. Precious Metals	3341
		Y	Primary Rare Earths	2819
		Z	Secondary Tantalum	333's
		AA	Secondary Tin	3341
		AB	Prim. & Sec Titanium	3339 & 3341
		AC	Sec Tungsten & Cobalt	2819,3313 & 334's
		AD	Secondary Uranium	2819
		AE	Primary Zirconium	3339

S,N	422		PHOSPHATE MANUFACTURE	2819 & 2874
		D	Defluor Phosphate Rock	2874
		E	Defluor Phosphoric Acid	2874
		F	Sodium Phosphates	2819

S,N,T	423		STEAM ELECTRIC POWER	4911
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N,T	424		FERROALLOY MANUFACTURING	2819, 3313 & all 33's w/slag
		A	Open Electric Furnaces	3313
		B	Covered Electric Furnaces	3313
		C	Slag	33's

N,T	425		LEATHER TANNING, FINISHING	3111
		A	Hair Pulp, Chrome Tan, Retan-Wet Finish	3111
		B	Hair Save, Chrome Tan, Retan-Wet Finish	3111
		C	Hair Save or Pulp, Non-Chrome Tan, Retan-Wet Finish	3111
		D	Retan-Wet Finish	3111
		E	No Beamhouse	3111
		F	Through the Blue	3111
		G	Shearling	3111
		H	Pigskin	3111

TYPE	STANDARD	SUB	DESCRIPTION	SIC CODES
N,T	425	I	Retan-Wet Finish Split	3111

N,T	426		GLASS MANUFACTURING	321, 322, 323
		A	Insulation Fiberglass	3296
		B	Sheet Glass	3211
		C	Rolled Glass	322 & 323
		D	Plate Glass	3211
		E	Float Glass	3211
		F	Auto Glass Tempering	3211 & 3231
		G	Auto Glass Laminating	3211 & 3231
		H	Glass Container	3221
		J	Glass Tubing	3229
		K	Television Tube	3229
		L	Incandescent Lamp	3229
		M	Hand Pressed, Blown Glass	3229

N	427		ASBESTOS MANUFACTURING	3291 & 3292
		A	Asbestos Cement Pipe	3292
		B	Asbestos Cement Sheet	3292
		C	Asbestos Paper (Starch)	3291
		D	Asbestos Paper-Elastomer	3291
		E	Asbestos Millboard	3292
		F	Asbestos Roofing	3292
		G	Asbestos Floor Tile	3292
		H	Textiles Coating, Finish	3292
		I	Solvent Recovery	3291 & 3292
		J	Vapor Deposition	3291 & 3292
		K	Wet Dust Collection	3291 & 3292

N,T	428		RUBBER MANUFACTURING	2822, 3011 & 3069
		A	Tire & Inner Tube	3011
		B	Emulsion Crumb Rubber	2822
		C	Solution Crumb Rubber	2821
		D	Latex Rubber	3069
		E	Small Sized	3069
		F	Medium Sized	3069
		G	Large Sized	3069
		H	Wet Digestion	3069
		I	Dry Digestion	3069
		J	Latex Dipped	3069
		K	Latex Foam	3069

TYPE	STANDARD	SUB	DESCRIPTION	SIC CODES
N,T	429		TIMBER PRODUCTS	All 24's (except 244, 245 & 2499) 2511, 2521, 2541, 2599 & 2661
		A	Barking	2411, 2493 & 2661
		B	Veneer	2411, 2421 & 243
		C	Plywood	243
		D	Dry Process	2426 & 2435
		E	Wet Process Hardboard	2426 & 2435
		F	Wood Preserving - Water	2491
		G	Wood Preserving - Steam	2491
		H	Wood Preserving - Boulton	2491
		I	Wet Storage	2411
		J	Log Washing	241, 242, 243, 2491 2492
		K	Sawmills & Planning Mills	242's
		L	Finishing	243's
		M	Particleboard	2493
		N	Insulation Board	2493
		O	Furniture	2511,2521,2541,2599

N,T	430		PULP, PAPER & PAPERBOARD	261, 262 & 263
		A	Unbleached Kraft	261 & 262
		B	Semi-Chemical	2611
		D	Neutral Sulfite Cross	2611
		E	Paperboard (Wastepaper)	2611 & 2631
		F	Dissolving Kraft	2621
		G	Market Bleach Kraft	2611
		H	Bleached Kraft	2621 & 2631
		I	Fine Bleach	2621
		J	Blow Pit Wash	261 & 262
		K	Dissolved Sulfite	262
		L	Groundwood Chem & Mech	262
		M	Groundwood Thermo Mech	262
		N	Groundwood C M N Papers	262
		O	Groundwood Fine Papers	262
		P	Soda Mills	261 & 262
		Q	Deink	261
		R	Non-Integrated Fine Paper	262

TYPE	STANDARD	SUB	DESCRIPTION	SIC CODES
N,T	430	S	Non-Integrated Tissue Paper	262
		T	Tissue from Wastepaper	262
		U	Sulfite (Drum Wash)	261 & 262
		V	Unbleached Kraft	2611
		W	Wastepaper Molded	261 & 262
		X	Non-integrated Lightweight	262
		Y	Nonintegrated Filtr..	262
		Z	Nonintegrated Paperboard	263 exc matrix board

N	431		BUILDERS' PAPER & BOARD	2621 & 2679
		A	Roofing Felt	2621 & 2679

N	432		MEAT PRODUCTS	201's, 2048 & 5147
		A	Simple Slaughterhouse	2011 & 2048
		B	Complex Slaughterhouse	2011 & 2048
		C	Low Processing Pack House	2011 & 2013
		D	Hi Processing Pack House	2011 & 2013
		E	Small Processor	2013
		F	Meat Cutter	2013 & 5147
		G	Sausage & Luncheon Meat	2013
		H	Ham Processor	2013
		I	Canned Meats	201
		J	Renderer	201

N,T	433		METAL FINISHING	347 & 3541
		A	Metal Finishing	347 & 3541

S	434		COAL MINING	12, 1311, 2821, 2865, 2951, 3312, 4619, 5052, 5169.
		A	Coal Mining	12
		B	Coal Preparation Plants	1311,2821,2865,2951,3312,4619,5052,5169.
		C	Acid, Ferruginous Mine Drainage	12
		D	Alkaline Mine Drainage	12
		E	Post-Mining Areas	12
		F	Miscellaneous Provisions	1311,2821,2865,2951,3312,4619,5052,5169.

TYPE	STANDARD	SUB	DESCRIPTION	SIC CODES
T	435		OIL & GAS EXTRACTION	138
		A	Offshore	138
		C	On shore	138
		D	Coastal	138
		E	Agriculture & Wildlife	138
		F	Stripper	138

S	436		MINERAL MINING & PROCESS	14 except 148, 2874
		A	Dimension Stone	141
		B	Crushed Stone	142
		C	Sand & Gravel	144
		D	Industrial Sand	1446
		E	Gypsum	1499 & 3275
		F	Asphaltic Mineral	1499
		G	Asbestos & Wollastonite	1499
		J	Barite	1479
		K	Fluorspar	1479
		L	Salines	1474 & 1479
		M	Borax	1474
		N	Potash	1474
		O	Sodium Sulfate	1474
		R	Phosphate Rock	1475 & 2874
		S	Fresh Sulfur	1479
		V	Bentonite	1459
		W	Magnesite	1459
		X	Diatomite	1499
		Y	Jade	1499
		Z	Novaculite	1499
		AF	Tripoli	1499
		AL	Graphite	1499

N,T	439		PHARMACEUTICAL	283
		A	Fermentation	2833 & 2834
		B	Extraction	2833 & 2834
		C	Chemical Synthesis	2833 & 2834
		D	Mixing & Compounding	2833 & 2834
		E	Research	283

S,N,T	440		ORE MINING & DRESSING	All 10's except 108
		A	Iron	1011
		B	Aluminum	1099
		C	Uranium, Radium, Vanadium	1094
		D	Mercury	1099
		E	Titanium	1099
		F	Tungsten	1061

TYPE	STANDARD	SUB	DESCRIPTION	SIC CODES
S,N,T	440	G	Nickel	1061
		H	Vanadium	1094
		I	Antimony	1099
		J	Cu, Pb, Zn, Au, Ag & Mo	102, 103, 104 & 106
		K	Platinum	1099
		M	Gold Placer	1041

S,N	443		PAVING & ROOFING	2951 & 3996
		A	Asphalt Emulsion	2951
		B	Asphalt Concrete	2951
		C	Asphalt Roofing	2951
		D	Linoleum	2951

N	446		PAINT FORMULATING	2851
		A	Oil-Base Solvent Wash	2851

N	447		INK FORMULATING	2893 & 2899
		A	Oil-Base Solvent Wash	2893 & 2899

	454		GUM & WOOD CHEMICALS	2819, 2861 & 2899
		A	Char & Charcoal	2819 & 2861
		B	Gum Rosin & Turpentine	2861 & 2899
		C	Wood Rosin, Turpent, PinOil	2861 & 2899
		D	Tall Oil Rosin, Pitch, FA	2861 & 2899
		E	Essential Oils	2899
		F	Rosin-Based Derivatives	2861

T	455		PESTICIDE CHEMICALS	2879 & 5191
		A	Organic Pesticide	2879
		B	Organo-Metallic	2879
		C	Formulating & Packaging	2879 & 5191

	457		EXPLOSIVES	2892
		A	Manufacturing	2892
		C	Explosives Load-Assemble	2892 & 5169

N	458		CARBON BLACK	2816, 2895 & 5169
		A	Furnace Process	2895
		B	Thermal Process	2895
		C	Channel Process	2895
		D	Carbon Black	2895

TYPE	STANDARD	SUB	DESCRIPTION	SIC CODES
T	459		PHOTOGRAPHIC POINT	7336, 7384 & 7819
		A	Processing	7336, 7384 & 7819

	460		HOSPITALS	8069
		A	Hospitals	8069

N,T	461		BATTERY MANUFACTURERS	3691 & 3692
		A	Cadmium	3691 & 3692
		B	Calcium	3691 & 3692
		C	Lead	3691 & 3692
		D	Leclanche	3691 & 3692
		E	Lithium	3691 & 3692
		F	Magnesium	3691 & 3692
		G	Zinc	3691 & 3692

N	463		PLASTICS MOLDINGS-FORMING	3083 & 3089
		A	Contact Cooling-Heating	3083 & 3089
		B	Cleaning Water	3083 & 3089
		C	Finishing Water	3083 & 3089

N,T	464		METAL MOLDING & CASTING	332 & 336
		A	Aluminum	3363 & 3365
		B	Copper	3364 & 3366
		C	Ferrous Metals	332
		D	Zinc	3364 & 3369

N,T	465		COIL COATING	335, 341, 3479, 3621 & 3677
		A	Steel Basis	3479
		B	Galvanized	3479, 3621 & 3677
		C	Aluminum	3353,3354,3355,3479
		D	Can making	341

N,T	466		PORCELAIN ENAMELING	3469 & 3479
		A	Steel Basis	3469 & 3479
		B	Cast Iron	3469 & 3479
		C	Aluminum	3469 & 3479
		D	Copper	3469 & 3479

TYPE	STANDARD	SUB	DESCRIPTION	SIC CODES
N,T	467		ALUMINUM FORMING	3443
		A	Rolling with Neat Oils	3443
		B	Rolling with Emulsions	3443
		C	Extrusion	3443
		D	Forging	3443
		E	Drawing with Neat Oils	3443
		F	Drwng w/ Emulsions, Soaps	3443

N,T	468		COPPER FORMING	3443
		A	Copper Forming	3443

N,T	469		ELECTRICAL & ELECTRONIC	3229, 3575, 3612, 3641, 3645, 3646, 3674 & 3679
		A	Semiconductor	3674
		B	Electronic Crystals	3679
		C	Cathode Ray Tube	3575 & 3671
		D	Luminescent Materials	3229, 3612, 3641, 3645 & 3646

N,T	471		NON FERROUS FORMING-POWDERS	3399, 3443 & 3499
		A	Lead, Tin & Bismuth	3399, 3443 & 3499
		B	Magnesium Forming	3443
		C	Nickel-Cobalt	3443
		D	Precious Metals	3443
		E	Refractory Metals	3443
		F	Titanium	3443
		G	Uranium	3443
		H	Zinc	3443
		I	Zirconium & Hafnium	3443
		J	Metal Powders	3399 & 3499

INDUSTRIAL CATEGORY I - SIC CODES (NUMERICAL)

Major Class	SIC Codes within the Major Class that are in Industrial Category I							
02	0211	0213	0241	025s	0259	0272		
10	10s (except 108)		1011	102s	103s	104s	1041	
	106s	1061	1094	1099				
12	12s							
13	1311	138s						
14	14s (except 148)		141s	142s	144s	1446	1459	
	1474	1475	1479	1499				
20	201s	2011	2013	2021	2022	2023	2024	2026
	2032	2034	2037	2041	2043	2044	2046	2047
	2048	2062	2063	2077	2091	2092	2099	
22	2231	2251	2252	2258	2259	226s	2269	2273
	2281	2282	2295	2296	2297	2299		
24	241s	2411	242s	2421	2426	243s	2435	2491
	2492							
	2493							
25	2511	2521	2541	2599				
26	261s	2611	262s	2621	263s (exc matrix board)			
	2631	2661	2679					
28	2812	2813	2816	2819	2821	28213	28214	2822
	2823	2824	283s	2833	2834	2841	2842	2843
	2851	2865	2869	287s	2873	2874	2875	2879
	2892	2893	2895	2899				
29	29s	2911	2951	2992				
30	3011	3069	3083	3089				
31	3111							
32	321s	3211	322s	3221	3229	323s	3231	3241
	3255	3275	3291	3292	3296	3297		
33	33s w/slag	331s	3312	3313	3316	332s	3324	
	3325	333s	3331	3334	3339	334s	3341	335s
	3353	3354	3355	336s	3363	3364	3365	3366
	3369	3399						
34	341s	3443	3469	347s	3479	3499		
35	3541	3575						

CATEGORY 1 - SIC CODES (NUMERICAL) (Continued)

36	3612	3621	3641	3645	3646	3672	3671	3674
	3677	3679	3691	3692				
39	3996							
46	4619							
49	4911							
50	5052							
51	5143	5147	5169	5191				

APPENDIX II

Additional Checklists

PERMIT AND APPROVAL LIST

Using the "Permit Questionnaire" and starting on page 5, place a check by each permit or approval needed. Unless otherwise noted, the permit or approval listed is issued by the Bureau of Water.

- ___ 1. Land Disturbing Permit Exemption issued by Bureau of Water or Delegated Entity.
- ___ 2. Land Disturbing Permit issued by Bureau of Water or Delegated Entity.
- ___ 3. NPDES Storm Water Permit for construction activity.
- ___ 4. NPDES Storm Water "No Exposure Certification" form submittal.
- ___ 5. NPDES Storm Water Permit for industrial activity (except construction).
- ___ 6. Construction Permit for the collection lines.
- ___ 7. Letter of Acceptance from the owner of the receiving WWTP.
- ___ 8. NPDES Permit or NPDES Permit modification.
- ___ 9. ND Permit or ND Permit modification.
- 10. Approval of Recycling System Report.
- ___ 11. Local Pretreatment Permit issued by the owner of the receiving Publicly Owned Treatment Facility.
- ___ 12. Letter of Approval for an industrial waste discharge to a POTW.
- ___ 13. Construction Permit for the treatment facility.
- ___ 14. Method of Sludge Treatment and Disposal approved by the Bureau of Water.
- ___ 15. Method of Sludge Disposal approved by the Bureau of Land and Waste Management.
- ___ 16. Permit for emissions from a sludge heat treatment unit process or a sludge incinerator issued by the Bureau of Air Quality.
- ___ 17. Approval for sludge disposal from the County Director of Solid Waste.
- ___ 18. Permit for emissions from an stripper or similar unit process issued by the Bureau of Air Quality.
- ___ 19. Permit for emissions from a standby generator issued by the Bureau of Air Quality.
- ___ 20. Construction Permit for ground water monitoring wells.
- ___ 21. Approval of the Utility by the S.C. Public Service Commission.
- ___ 22. Permit for fugitive emissions from a treatment facility may be required from the Bureau of Air Quality.
- ___ 23. 401 Certification.

Permit and Approval List (Continued)

- ___ 24. Permits for Potable Water Facilities.
- ___ 25. Permit to Construct in Navigable Water.
- ___ 26. Critical Area Permit issued by the Office of Ocean and Coastal Resource Management (OCRM) of DHEC.
- ___ 27. Interbasin Transfer Permit.
- ___ 28. 208 Plan Amendment approved by the management entity responsible for the 208 Area.
- ___ 29. Dams and Reservoirs Safety Construction Permit.
- ___ 30. Contact U. S. Fish and Wildlife on endangered species.
- ___ 31. Contact the S. C. Department of Archives and History on a historical site.
- ___ 32. Contact the S. C. Department of Archives and History on an archeological site.

PERMIT AND APPROVAL LIST

Using the "Permit Questionnaire" and starting on page 5, place a check by each permit or approval needed. Unless otherwise noted, the permit or approval listed is issued by the Bureau of Water.

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- ____ 2. Land Disturbing Permit issued by Bureau of Water or Delegated Entity.
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- ____ 12. Letter of Approval for an industrial waste discharge to a POTW.
- ____ 13. Construction Permit for the treatment facility.
- ____ 14. Method of Sludge Treatment and Disposal approved by the Bureau of Water.
- ____ 15. Method of Sludge Disposal approved by the Bureau of Land and Waste Management.
- ____ 16. Permit for emissions from a sludge heat treatment unit process or a sludge incinerator issued by the Bureau of Air Quality.
- ____ 17. Approval for sludge disposal from the County Director of Solid Waste.
- ____ 18. Permit for emissions from an stripper or similar unit process issued by the Bureau of Air Quality.
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- ____ 20. Construction Permit for ground water monitoring wells.
- ____ 21. Approval of the Utility by the S.C. Public Service Commission.
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Permit and Approval List (Continued)

- ___ 24. Permits for Potable Water Facilities.
- ___ 25. Permit to Construct in Navigable Water.
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- ___ 27. Interbasin Transfer Permit.
- ___ 28. 208 Plan Amendment approved by the management entity responsible for the 208 Area.
- ___ 29. Dams and Reservoirs Safety Construction Permit.
- ___ 30. Contact U. S. Fish and Wildlife on endangered species.
- ___ 31. Contact the S. C. Department of Archives and History on a historical site.
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PERMIT AND APPROVAL LIST

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- ____ 1. Land Disturbing Permit Exemption issued by Bureau of Water or Delegated Entity.
- ____ 2. Land Disturbing Permit issued by Bureau of Water or Delegated Entity.
- ____ 3. NPDES Storm Water Permit for construction activity.
- ____ 4. NPDES Storm Water "No Exposure Certification" form submittal.
- ____ 5. NPDES Storm Water Permit for industrial activity (except construction).
- ____ 6. Construction Permit for the collection lines.
- ____ 7. Letter of Acceptance from the owner of the receiving WWTP.
- ____ 8. NPDES Permit or NPDES Permit modification.
- ____ 9. ND Permit or ND Permit modification.
- 10. Approval of Recycling System Report.
- ____ 11. Local Pretreatment Permit issued by the owner of the receiving Publicly Owned Treatment Facility.
- ____ 12. Letter of Approval for an industrial waste discharge to a POTW.
- ____ 13. Construction Permit for the treatment facility.
- ____ 14. Method of Sludge Treatment and Disposal approved by the Bureau of Water.
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